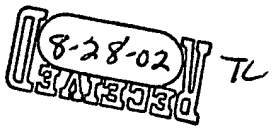
Official

3. Cancelled.



4. Cancelled.

5. Cancelled.

6. (Amended) A method for selecting the user-specified sources of at least two shows capable of being received and displayed by an entertainment system, comprising:

receiving a first user-specified show selection;

displaying a first plurality of sources available for providing the first user-specific show selection:

receiving a first user-specified source selection from the first plurality of sources;

receiving a first signal from the first user identifying a selected source for the first user-specified show selection;

displaying the first user-specified show selection on a first portion of a display screen;

receiving a second user-specified show selection;

displaying a second plurality of sources available for providing the second user-specified show selection;

receiving a second user-specified source selection identifying a selected source for the second user-specified show selection;

receiving a second user-specified source selection identifying a selector source for the second user-specified show selection; and

receiving a second signal from the second user specified source concurrently displaying the second user-specified show selection on a second portion of the display screen.

7. (Amended) The method of claim 6, wherein the first signal uses a first coding technique.

8. (Amended) The method of claim 7, wherein the second signal uses a second coding technique that is different from the first coding technique.

9. The method of Claim 8, wherein the first and second coding techniques are selected from a group consisting of: amplitude modulation, frequency modulation and phase modulation.

10. The method of Claim 6, wherein said first user-specified source is selected from a group consisting of: a satellite-based station, a cable-based station and a local station.

11. The method of Claim 7, wherein said second user-specified source is selected from a group consisting of: a satellite-based station, a cable-based station and a local station, said second user-specified source being different from said first user-specified source.

12. The method of Claim 6, further comprising:

loading programming data associated with the selected first channel of the first show into a memory of the entertainment system; and

loading programming data associated with the selected second channel of the second show into the memory of the entertainment system.

13. The method of Claim 12, further comprising:

prompting selection of the first and the second shows corresponding to the first and the second channels, by executing software by a central processing unit, implemented within the entertainment system, to produce a screen menu; and wherein the step of selecting comprises selecting a first option grid of the screen menu to load the corresponding programming data into the memory and selecting a second option grid of the screen menu to load the corresponding programming data into the memory.

14. The method of Claim 7, further comprising recording of one of said first and said second shows.

15. The method of Claim 14, further comprising recording of the other one of said first and said second shows.

16. (Amended) An entertainment system comprising:

a display monitor; and

a broadcast receiver coupled to the display monitor, the broadcast receiver including a first front-end unit capable of receiving programming data to be viewed on the display monitor, the programming data associated with a first user-specified show selection provided by a first user-specified source selection from a first plurality of sources displayed for providing the first user-specified show selection;

a second front-end unit capable of receiving programming data to be viewed on the display monitor, the programming data associated with a second user-specified show selection provided by a second user-specified source selection from a second plurality of sources displayed for providing the second user-specified show selection;

a plurality of memory elements and;

a central processing unit coupled to the plurality of memory elements, the central processing unit executing software to assist the broadcast receiver in loading programming data associated with one of either the first user-specified show selection or the second user-specified show selection into one of the plurality of memory elements along with information to display said first user-specified show selection on the display monitor upon receiving a first show selection signal, and to display said second user-specified show selection on the display monitor upon receiving a second show selection signal, the first and second user-specified show selections being processed concurrently and separately by the first front-end unit and the second front-end unit, respectively and displayed concurrently.

17. The entertainment system of claim 16, wherein the display monitor includes a television receiver.

18. The entertainment system of claim 16, wherein the broadcast receiver includes an integrated receiver decoder.

19. The entertainment system of claim 16, wherein the central processing unit of the broadcast receiver executes software to provide a screen menu, selection of a first option grid of the screen menu signals the central processing unit to load a first programming data

into the one of the plurality of memory elements indicating that the first show is to be displayed.

20. The entertainment system of claim 19, wherein upon selection of a second option grid, the central processing unit controls loading of a second programming data into the one of the plurality of memory elements indicating that the second show is to be displayed.

21. The entertainment system of Claim 16, wherein the first user-specified source transmits broadcast signals associated with the first show using a first coding technique.

22. The entertainment system of Claim 21, wherein the second user-specified source transmits broadcast signals associated with the second show using a second coding technique that is different from the first coding technique.

23. The entertainment system of Claim 22, wherein the first and second coding techniques are selected from a group consisting of: amplitude modulation, frequency modulation and phase modulation.

24. The entertainment system of Claim 16, wherein said first user-specified source is selected from a group consisting of: a satellite-based station, a cable-based station and a local station.

25. The entertainment system of Claim 24, wherein said second user-specified source is selected from a group consisting of: a satellite-based station, a cable-based station and a local station, said second user-specified source being different from said first user-specified source.

26. An entertainment system comprising:

a display monitor; and

a broadcast receiver coupled to the display monitor, the broadcast receiver including

a first front-end unit capable of receiving programming data associated with a first show broadcast from a first user-specified source to be viewed on the display monitor,

a second front-end unit capable of receiving programming data associated with a second show broadcast from a second user-specified source to be viewed on the display monitor,

a plurality of memory elements, and

a central processing unit coupled to the plurality of memory elements, the central processing unit executing software to assist the broadcast receiver in loading programming data associated with a selected one of the first and the second shows into one of the plurality of memory elements along with information, and to simultaneously display said selected first and second shows on the display monitor.

27. The entertainment system of claim 26, wherein the display monitor includes a television receiver.

28. The entertainment system of claim 26, wherein the broadcast receiver includes an integrated receiver decoder.

29. The entertainment system of claim 26, wherein the central processing unit of the broadcast receiver executes software to provide a screen menu, selection of a first option grid of the screen menu signals the central processing unit to load a first programming data into the one of the plurality of memory elements indicating that the first show is to be displayed.

30. The entertainment system of claim 29, wherein upon selection of a second option grid, the central processing unit controls loading of a second programming data into the one of the plurality of memory elements indicating that the second show is to be displayed.

31. (Amended) The entertainment system of claim 26, wherein said first front-end receives broadcast signals using a first coding technique.

32. (Amended) The entertainment system of claim 31, wherein said second front-end user receives broadcast signals using a second coding technique that is different from the first coding technique.

33. The entertainment system of Claim 32, wherein the first and second coding techniques are selected from a group consisting of: amplitude modulation, frequency modulation and phase modulation.

34. The entertainment system of Claim 26, wherein said first user-specified source is selected from a group consisting of: a satellite-based station, a cable-based station and a local station.

35. The entertainment system of Claim 34, wherein said second user-specified source is selected from a group consisting of: a satellite-based station, a cable-based station and a local station, said second user-specified source being different from said first user-specified source.

36. The entertainment system of Claim 26, wherein the central processing unit further executes software to record one of said first and said second shows.

37. The entertainment system of Claim 36, wherein the central processing unit further executes software to record the other one of said first and said second shows.

38. The entertainment system of Claim 16, wherein the broadcast receiver directs the first show to the display monitor to be viewed and substantially simultaneously to a recording device to be recorded.

39. The entertainment system of Claim 16, wherein the broadcast receiver directs the second show to the display monitor to be viewed and substantially simultaneously to a recording device to be recorded.

40. The entertainment system of Claim 16, wherein the broadcast receiver further includes a cryptographic engine to decrypt data signals in accordance with at least one cryptographic function.

41. (Amended) A method for selecting the sources of at least two selections capable of being separately received, processed, and displayed, recorded or displayed and recorded by an entertainment system comprising:

receiving a first user-specified selection;

in response to receiving a first user-specified selection, displaying a first plurality of sources available for providing the first user-specified selection;

receiving a first user-specified source selection from the first plurality of sources;

receiving a second user-specified selection;

in response to receiving the second user-specified selection, displaying a second plurality of sources available for providing the second user-specified selection;

receiving a second user specified source selection from the second plurality of sources; and

separately processing and concurrently servicing the first user-specified show selection provided by the first user-specified source selection and the second user-specified show selection by the second user-specified source selection.

42. The method of Claim 41 further comprising:

receiving a user-specified selection; and wherein servicing the user-specified selection is performed in accordance with the user-specified servicing selection.

43. The method of Claim 42 wherein the user-specified servicing selection is one of either displaying, recording, or displaying and recording the user-specified selection.

44. The method of Claim 41 wherein the user-specified selection is a show.

45. The method of Claim 41 wherein the user-specified selection is a station.

46. (Amended) A method for selecting the sources of at least two selections capable of being separately received, processed and displayed, recorded or displayed and recorded by an entertainment system comprising:

receiving a plurality of user-specified selections;

in response to receiving the plurality of user-specified selections, displaying a plurality of sources available for providing each of the plurality of user-specified selections;

receiving a user specified source selection for each of the plurality of user-specified selections; and

separately processing and concurrently servicing each of the plurality of user-specified selections provided by its corresponding user-specified source selection.

47. The method of Claim 46 further comprising:

receiving a user-specified servicing selection for each of the plurality of user-specified selections; and wherein servicing each of the plurality of user-specified selection selections is performed in accordance with its corresponding user-specified servicing selection.

48. The method of Claim 47 wherein the user-specified servicing selection is one of either displaying, recording, or displaying and recording.

49. Cancelled.

50. Cancelled.

51. Cancelled.

52. Cancelled.

53. (Amended) A digital integrated receiver decoder comprising:

a plurality of front-ends, including at least a first front-end and a second front-end;

said first front-end being configured to receive a first bit stream from a first source and a second front-end being configured to receive a second bit stream from a second source;

a transport processor coupled to said first front-end and said second front-end, said transport processor being configured to process said first bit stream and said second bit stream and providing a first processed bit stream and a second processed bit stream in response to the first bit stream and the second bit stream respectively; and

at least one decoder coupled to said transport processor and configured to simultaneously select the first processed bit stream and the second processed bit stream for decoding.

54. (Amended) A digital integrated receiver decoder according to claim 53 wherein said transport processor is configured to simultaneously select the first bit stream and the second bit stream for recording.

55. (Amended) A digital integrated receiver decoder according to claim 53 wherein said first and second front-ends provide outputs to first and second demodulators, said first and second demodulators each being configured for a different mode of demodulation.

56. (Amended) A digital integrated receiver decoder according to claim 55 wherein said integrated receiver decoder comprises more than two front-ends and wherein said transport processor is configured to select first and second front-ends and wherein each front-end is associated with a differently modulated form of input signal.

57. (Amended) A digital integrated receiver decoder according to claim 55 wherein said transport processor is configured to simultaneously select the first bit stream and the second bit stream for recording.

58. (Amended) A method for recording a first bit stream and a second bit stream received by a digital television receiver comprising;

receiving a first bit stream from a first source and receiving a second bit stream from a second source;

processing the first bit stream and processing the second bit stream to provide a first processed bit stream and a second processed bit stream respectively; and

recording the first processed bit stream and the second processed bit stream simultaneously.

59. (Amended) A method according to claim 58 further comprising simultaneously decoding the first processed bit stream and the second processed bit stream.

60. (Amended) A method according to claim 59 comprising said first processed bit stream and said second processed bit stream in different demodulation modes.

61. (Amended) A method according to claim 60 wherein receiving the first bit stream and the second bit stream comprises selecting the first and second bit streams from more than two sources.

62. (Amended) A digital television receiver comprising:

a plurality of tuners, including at least a first front-end and a second front-end;

said first front-end being configured to receive a first bit stream from a first source and a second front-end being configured to receive a second bit stream from a second source;

a transport processor coupled to said first front-end and said second front-end, said transport processor being configured to process said first bit stream and said second bit stream and providing a first processed bit stream and a second processed bit stream in response to the first bit stream and the second bit stream respectively; and

at least one decoder coupled to said transport processor and configured to simultaneously select the first processed bit stream and the second processed bit stream for decoding.

63. (Amended) A digital television receiver according to claim 62 wherein said transport processor is configured to simultaneously select the first bit stream and the second bit stream for recording.

64. (Amended) A digital television receiver according to claim 62 wherein said first and second front-ends provide outputs to first and second demodulators, said first and second demodulators each being configured for a different mode of demodulation.

65. (Amended) A digital television receiver according to claim 64 wherein said digital television receiver comprises more than two front-ends and wherein said transport processor is configured to select first and second front-ends and wherein each front-end is associated with a differently modulated form of input signal.

66. (Amended) A digital television receiver according to claim 65 wherein said transport processor is configured to simultaneously select the first bit stream and the second bit stream for recording.